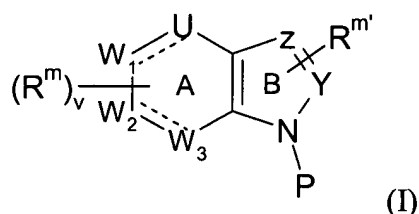


Amendments to the Claims:

This listing of claims replaces all prior versions and listings of claims in the application:

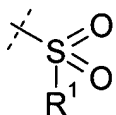
Listing of Claims:

1. (Original) A compound of the Formula (I)

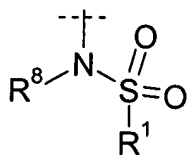


wherein:

v is 1 or 2 and P is selected from a substituent of Formula (II) and Formula (III);



(II)



(III)

or P may also be selected from H or C₁₋₆-alkyl provided that R^m is selected from

-NH₂SO₂R¹¹, -SO₂NR⁸R¹¹ or -S(O)_eR¹¹, wherein R¹¹ is selected from aryl and heteroaryl and where e is 0, 1, 2 or 3, v is 1 and R^m is H;

----- represents a single bond or a double bond, with the proviso that both ----- represent double bonds or that both ----- represent single bonds;

W₁, W₂, W₃, Z and Y are each a carbon atom; or

one of W₁, W₂, W₃, Z and Y is a nitrogen atom, while the remainder being carbon atoms,

provided that both ----- in Formula (I) represent single bonds;

U is selected from CHR^4 , CR^4 and $\text{CR}^4\text{R}^{4'}$, provided that when the dotted line connecting W_1 and U is a double bond, then U is CR^4 ; and further provided that when the dotted line connecting W_1 and U is a single bond, then U is selected from CHR^4 and $\text{CR}^4\text{R}^{4'}$;

R^1 is selected from:

- (a) C_{1-6} -alkyl,
- (b) C_{1-6} -alkoxy- C_{1-6} -alkyl,
- (c) C_{3-6} -alkenyl,
- (d) hydroxy- C_{1-6} -alkyl,
- (e) halo- C_{1-6} -alkyl,
- (f) aryl,
- (g) arylcarbonylmethyl,
- (h) aryl- C_{2-6} -alkenyl,
- (i) aryl- C_{1-6} -alkyl,
- (j) C_{3-7} -cycloalkyl,
- (k) heteroaryl,
- (l) 4-piperidinyl,
- (m) N-substituted 4-piperidinyl, wherein the substituents are selected from C_{1-6} -alkyl, aryl, heteroaryl, aryl- C_{1-6} -alkyl and heteroaryl- C_{1-6} -alkyl,
- (n) heteroaryl- C_{1-6} -alkyl,

wherein any heteroaryl or aryl residue, alone or as part of another group, is optionally substituted, independently, in one or more positions with substituents having the values as defined for R^m and $\text{R}^{m'}$;

R^m and $\text{R}^{m'}$ are each independently selected from:

- (a) hydrogen,
- (b) halogen,

- (c) C₁₋₆-alkyl,
- (d) hydroxy,
- (e) C₁₋₆-alkoxy,
- (f) C₂₋₆-alkenyl,
- (g) phenyl,
- (h) phenoxy,
- (i) benzyloxy,
- (j) benzoyl,
- (k) -OCF₃,
- (l) -CN,
- (m) hydroxy-C₁₋₆-alkyl,
- (n) halo-C₁₋₆-alkyl,
- (o) -NR¹⁰R¹⁰,
- (p) -NO₂,
- (q) -CONR¹⁰R¹⁰,
- (r) -NHSO₂R¹¹,
- (s) -NR⁸COR¹¹,
- (t) -SO₂NR⁸R¹¹,
- (u) -C(=O)R¹¹,
- (v) C₁₋₆-alkoxycarbonyl,
- (w) -S(O)_eR¹¹, wherein e is 0, 1, 2 or 3,
- (x) -SCF₃,
- (y) -CHF=CH₂,

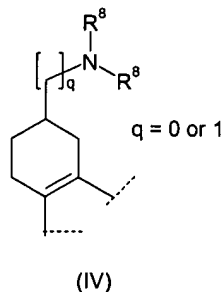
(ab) ethynyl;

with the further proviso that when one of W_1 , W_2 and W_3 in Formula (I) is a nitrogen atom and

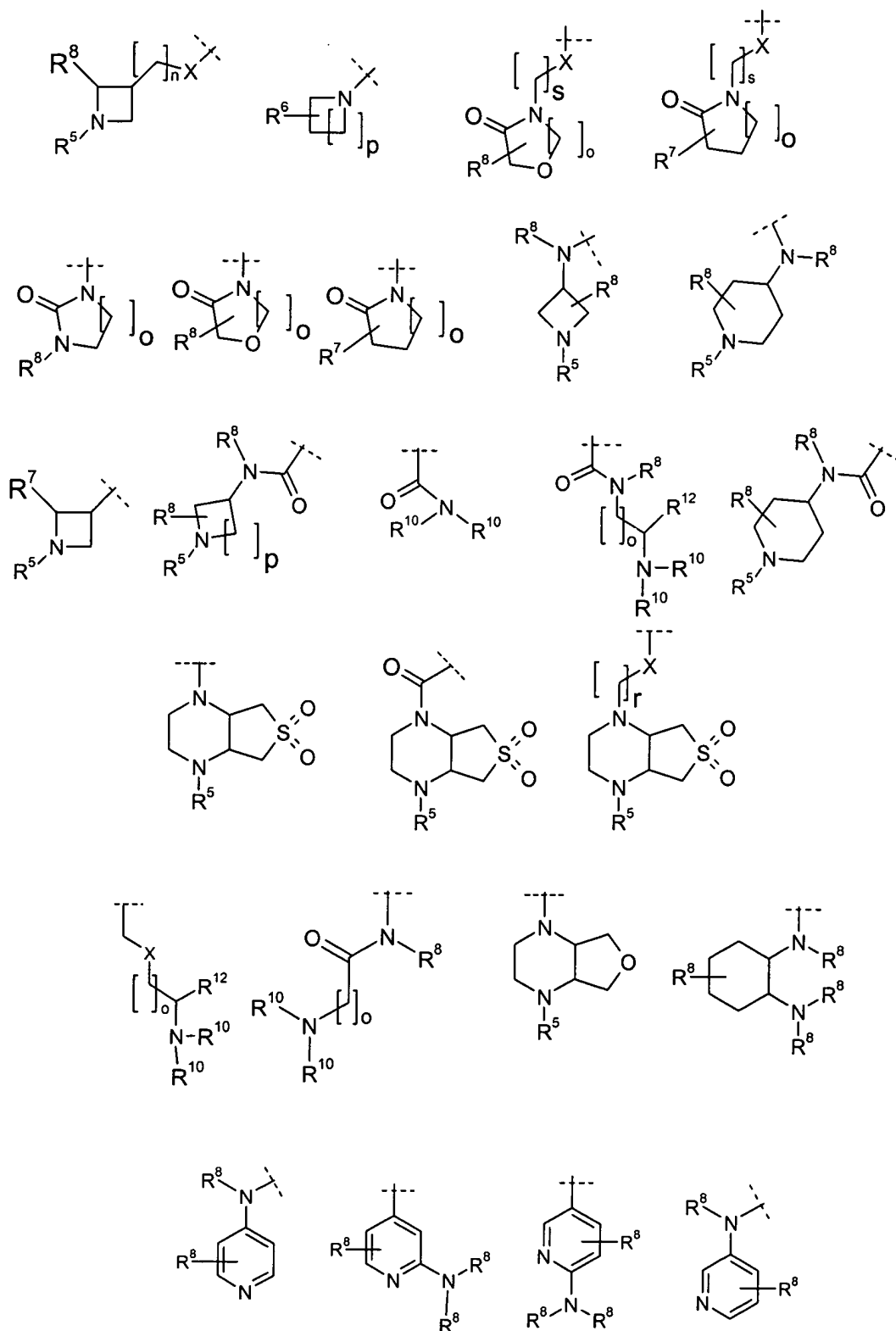
with the further proviso that when W_1 , W_2 and W_3 in Formula (I) are each a carbon atom and

with the further proviso that when R^m or $R^{m'}$, as substituents on ring A and B in Formula (I), are selected from phenyl, phenoxy, benzyloxy and benzoyl, the phenyl or aryl ring thereof may be optionally substituted by C_{1-4} -alkyl, halogen, C_{1-4} -alkoxy, C_{1-4} -alkylthio, trifluoromethyl, hydroxymethyl or cyano;

wherein R^m and R⁴ may be linked to each other to form a fused substituent of Formula (IV) provided that R^m is attached to W₁:



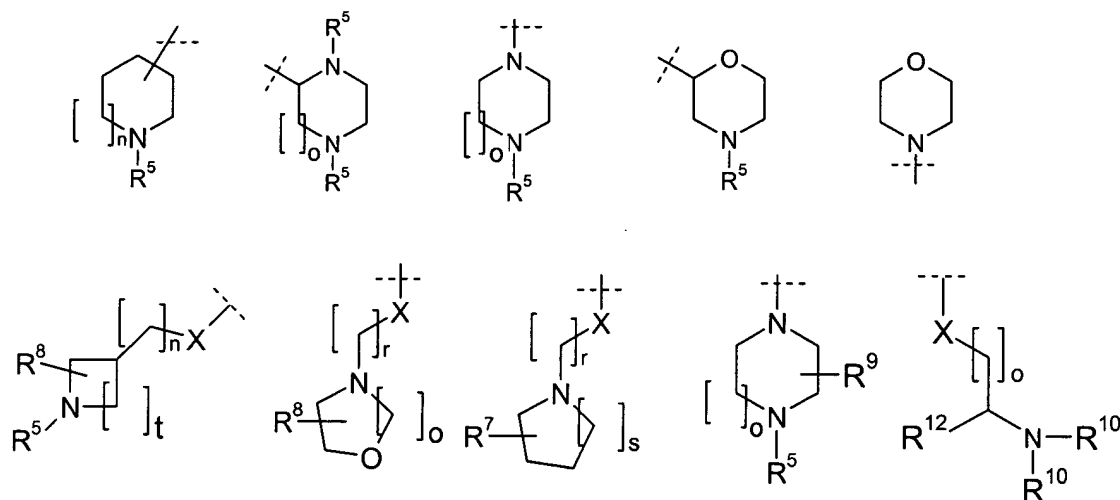
when U is CR^4 or CHR^4 , R^4 is a group selected from:



wherein:

$n = 0, 1, \text{ or } 2,$
 $o = 1 \text{ or } 2,$
 $p = 1, 2, 3, \text{ or } 4,$
 $r = 2 \text{ or } 3,$
 $s = 1, 2 \text{ or } 3;$

when U is CHR^4 , R^4 is additionally selected from the following groups:



wherein:

$n = 0, 1 \text{ or } 2,$
 $o = 1 \text{ or } 2,$
 $t = 2, 3 \text{ or } 4,$
 $r = 2 \text{ or } 3,$
 $s = 1, 2 \text{ or } 3;$

wherein X is selected from O, NR^8 and S;

wherein R^5 is independently a group selected from:

(a) hydrogen,

- (b) C₁₋₆-alkyl,
- (c) 2-cyanoethyl,
- (d) hydroxy-C₂₋₆-alkyl,
- (e) C₃₋₆-alkenyl,
- (f) C₃₋₆-alkynyl,
- (g) C₃₋₇-cycloalkyl,
- (h) C₃₋₇-cycloalkyl-C₁₋₄-alkyl,
- (i) C₁₋₆-alkoxy-C₂₋₆-alkyl,
- (j) aryl-C₁₋₆-alkyl,
- (k) heteroaryl-C₁₋₆-alkyl,
- (l) 3,3,3-trifluoropropyl,

wherein any aryl and heteroaryl residue may be optionally substituted with C₁₋₄-alkyl, halogen, C₁₋₄-alkoxy, C₁₋₄-alkylthio, trifluoromethyl or cyano;

R⁶ is selected from:

- (a) hydrogen,
- (b) C₁₋₄-alkyl,
- (c) hydroxy-C₁₋₄-alkyl,
- (d) C₁₋₄-alkoxy-C₁₋₄-alkyl,
- (e) halo-C₁₋₄-alkyl,
- (f) -NR⁸R⁸, provided that the said -NR⁸R⁸ group is not attached to a carbon atom adjacent to a ring nitrogen atom,
- (g) -CO-NR⁸R⁸;
- (h) hydroxy, provided that the said hydroxy group is not attached to a carbon atom adjacent to a ring nitrogen atom;

R⁷ is selected from:

- (a) hydrogen,

- (b) C₁₋₄-alkyl,
- (c) hydroxy-C₁₋₄-alkyl, or
- (d) C₁₋₄-alkoxy-C₁₋₄-alkyl,
- (e) hydroxy, provided that the said hydroxy group is not attached to a carbon atom adjacent to a heterocyclic ring nitrogen atom and that the said hydroxy group is attached to a heterocyclic ring not substituted with oxo;

R⁸ is each independently selected from:

- (a) hydrogen, or
- (b) C₁₋₆-alkyl,

R⁹ is selected from:

- (a) hydrogen,
- (b) C₁₋₄-alkyl, wherein one or two groups may be present at any carbon atom, or when two groups are present at the same carbon atom they may together form a cyclopropane ring,
- (c) hydroxy-C₁₋₄-alkyl,
- (d) C₁₋₄-alkoxy-C₁₋₄-alkyl,
- (e) halo-C₁₋₄-alkyl,

R¹⁰ is each independently selected from:

- (a) hydrogen,
- (b) C₁₋₆-alkyl,
- (c) hydroxy-C₂₋₄-alkyl,
- (d) C₃₋₇-cycloalkyl, or
- (e) C₁₋₄-alkoxy-C₂₋₄-alkyl,

wherein the two R¹⁰ groups together with the nitrogen to which they are attached form a heterocyclic ring; and when the two R¹⁰ groups form a piperazine ring, the nitrogen of the piperazine ring that allows the substitution may be substituted with a group selected from R⁵;

R^{11} is selected from:

- (a) C_{1-6} -alkyl,
- (b) aryl, or
- (c) heteroaryl,

wherein aryl and heteroaryl may be optionally substituted with C_{1-4} -alkyl, halogen, C_{1-4} -alkoxy, C_{1-4} -alkylthio, trifluoromethyl, hydroxymethyl or cyano;

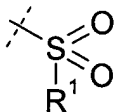
R^{12} is selected from:

- (a) hydrogen, or
- (b) methyl;

when U is $R^4R^{4'}$, R^4 and $R^{4'}$ are linked to each other to form a heterocyclic ring selected from pyrrolidine or piperidine, wherein the N atom may be substituted by a group selected from R^5 ; and pharmaceutically acceptable salts, hydrates, solvates, geometrical isomers, tautomers, optical isomers, and prodrug forms thereof.

2. (Original) The compound according to claim 1, wherein

P is selected from



(II)

each of W_1 , W_2 , W_3 , Z and Y is a carbon atom provided that both ----- in Formula (I) represent double bonds; or

one of W_1 , W_2 , W_3 , Z and Y is a nitrogen atom, while the remainder being carbon atoms,

provided that both ----- in Formula (I) represent single bonds;

U is selected from CHR^4 , CR^4 and $\text{CR}^4\text{R}^{4'}$, provided that when the dotted line connecting W_1 and U is a double bond, then U is CR^4 ; and further provided that when the dotted line connecting W_1 and U is a single bond, then U is selected from CHR^4 and $\text{CR}^4\text{R}^{4'}$;

R^1 is selected from:

- (f) aryl,
- (h) aryl- C_{2-6} -alkenyl,
- (i) aryl- C_{1-6} -alkyl,
- (j) C_{3-7} -cycloalkyl,
- (k) heteroaryl,
- (n) heteroaryl- C_{1-6} -alkyl,

wherein any heteroaryl or aryl residue, alone or as part of another group, is optionally substituted, independently, in one or more positions with substituents having the values as defined for R^m and $\text{R}^{m'}$;

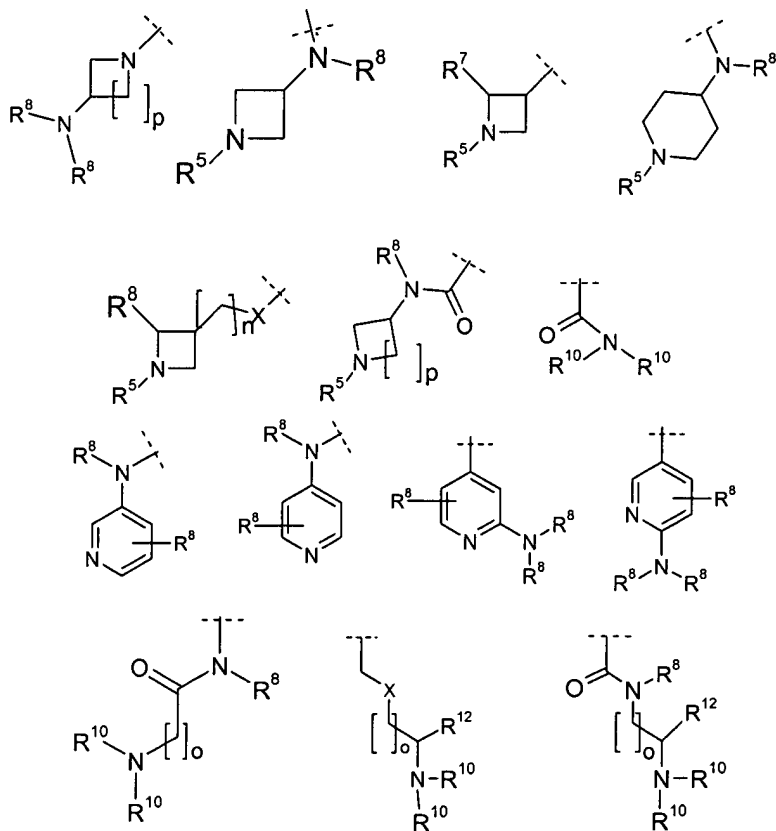
R^m and $\text{R}^{m'}$ are each independently selected from:

- (a) hydrogen,
- (b) halogen,
- (c) C_{1-6} -alkyl,
- (d) hydroxy,
- (e) C_{1-6} -alkoxy,
- (f) C_{2-6} -alkenyl,
- (k) $-\text{OCF}_3$,
- (l) $-\text{CN}$,
- (m) hydroxy- C_{1-6} -alkyl,
- (n) halo- C_{1-6} -alkyl,

- (o) $-NR^{10}R^{10}$,
- (q) $-CONR^{10}R^{10}$,
- (r) $-NHSO_2R^{11}$,
- (s) $-NR^8COR^{11}$,
- (t) $-SO_2NR^8R^{11}$,
- (u) $-C(=O)R^{11}$,
- (w) $-S(O)_eR^{11}$, wherein e is 0, 1, 2 or 3,
- (x) $-SCF_3$,
- (y) $-CHF=CH_2$,
- (aa) $-OCF_2H$, or
- (ab) ethynyl;

and with the proviso that, $R^{m'}$ is attached to a carbon atom in ring B; and
with the further proviso that when one of W_1 , W_2 and W_3 in Formula (I) is a nitrogen atom and
both ----- represent single bonds the said nitrogen atom is attached to R^m , wherein R^m is
selected from hydrogen or C_{1-4} -alkyl and v is 1; and
with the further proviso that when W_1 , W_2 and W_3 in Formula (I) are each a carbon atom and
both ----- represent single bonds, R^m is selected from hydrogen or methyl; and
with the further proviso that when R^m and $R^{m'}$ are substituents on ring A and B, then R^m and
 $R^{m'}$ are independently selected from: hydrogen, halogen, methyl, methoxy, trifluoromethyl,
hydroxymethyl or cyano;

when U is CR^4 or CHR^4 , R^4 is a group selected from:



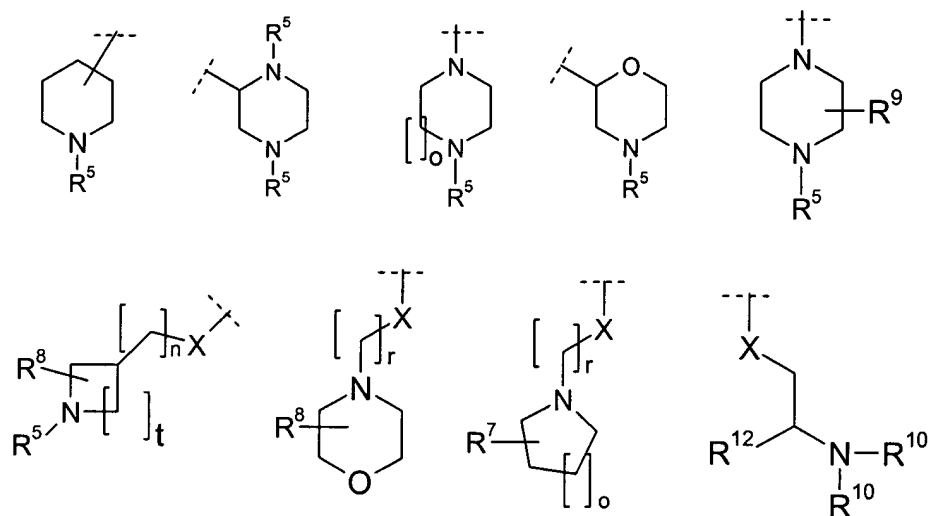
wherein

$n = 0, 1, \text{ or } 2,$

$o = 1 \text{ or } 2,$

$p = 1, 2, 3, \text{ or } 4,$

when U is CHR^4 , R^4 is additionally selected from the following groups:



wherein :

$n = 0, 1 \text{ or } 2,$

$o = 1 \text{ or } 2,$

$t = 2, 3 \text{ or } 4,$

$r = 2 \text{ or } 3,$

wherein X is selected from O and NR^8 ;

wherein R^5 is independently a group selected from:

- (a) hydrogen,
- (b) C_{1-6} -alkyl,
- (c) 2-cyanoethyl,
- (d) hydroxy- C_{2-4} -alkyl,
- (e) C_{3-6} -alkenyl,
- (h) C_{3-7} -cycloalkyl- C_{1-4} -alkyl, or
- (i) C_{1-4} -alkoxy- C_{2-4} -alkyl,

R^7 is selected from:

- (a) hydrogen,

- (b) C₁₋₄-alkyl,
- (c) hydroxy-C₁₋₂-alkyl, or
- (d) C₁₋₂-alkoxy-C₁₋₂-alkyl;

R⁸ is each independently selected from:

- (a) hydrogen, or
- (b) C₁₋₆-alkyl,

R⁹ is selected from:

- (a) hydrogen,
- (b) C₁₋₄-alkyl, wherein one or two groups may be present at any carbon atom, or when two groups are present at the same carbon atom they may together form a cyclopropane ring,
- (c) hydroxy-C₁₋₂-alkyl,
- (d) C₁₋₂-alkoxy-C₁₋₂-alkyl,
- (e) halo-C₁₋₂-alkyl,

R¹⁰ is each independently selected from:

- (a) hydrogen,
- (b) C₁₋₄-alkyl,
- (c) hydroxy-C₂₋₄-alkyl

wherein the two R¹⁰ groups together with the nitrogen to which they are attached form a heterocyclic ring; and when the two R¹⁰ groups form a piperazine ring, the nitrogen of the piperazine ring that allows the substitution may be substituted with a group selected from R⁵;

R¹¹ is selected from:

- (a) C₁₋₄-alkyl

R¹² is selected from:

- (a) hydrogen, or
- (b) methyl;

when U is $R^4R^{4'}$, R^4 and $R^{4'}$ are linked to each other to form a heterocyclic ring selected from pyrrolidine or piperidine, wherein the N atom may be substituted by a group R^5 selected from:

- (a) hydrogen,
- (b) C_{1-4} -alkyl,
- (d) hydroxy- C_{2-4} -alkyl,
- (i) C_{1-4} -alkoxy- C_{2-4} -alkyl,
- (k) 2-cyanoethyl.

3. (Original) The compound according to claim 1 or 2, wherein Ar is selected from phenyl, naphthyl, and thienyl, which group Ar is optionally substituted by halogen, methyl, methoxy.

4. (Currently Amended) The compound according to claim 1 ~~any one of claims 1 to 3~~, which is selected from 4'-Methyl-1'-(2-naphthylsulphonyl)-1',4',5',6'-tetrahydrospiro {piperidine-2,7'-pyrrolo[3,2-b]pyridine} hydrochloride,

4'-Methyl-1'-(4-bromophenylsulphonyl)-1',4',5',6'-tetrahydrospiro {piperidine-2,7'-pyrrolo[3,2-b]pyridine} hydrochloride,

4'-Methyl-1'-(5-bromo-2-thienylsulphonyl)-1',4',5',6'-tetrahydrospiro {piperidine-2,7'-pyrrolo[3,2-b]pyridine} hydrochloride,

4'-Methyl-1'-(2-thienylsulphonyl)-1',4',5',6'-tetrahydrospiro {piperidine-2,7'-pyrrolo[3,2-b]pyridine} hydrochloride

N-(1-Benzenesulfonyl-1H-indol-4-yl)-2-(2-hydroxy-ethylamino)-acetamide, and

1-Benzenesulfonyl-1H-indol-4-yl-pyridin-4-yl-amine,

N-(4-Piperazin-1-yl-1H-indol-1-yl)benzenesulfonamide hydrochloride, and

3-(Phenylsulfonyl)-6,7,8,9-tetrahydro-3H-benzo[e]indol-8-amine trifluoroacetate.

5. (Original) A process for the preparation of a compound according to claim 1, comprising the following steps:

- (a) reaction of 2-(2-ethylamino)pyrrole and 1-methylpiperazine-4-one to give 4'-methyl-1',4',5',6'-tetrahydrospiro{piperidine-2,7'-pyrrolo[3,2-b]pyridine}; and
- (b) reaction of the product from step a) with an arylsulphonyl chloride in the presence of a base.

6. (Original) A process for the preparation of a compound according to claim 1, comprising the following steps:

- (c) reaction of 1-benzensulfonyl-1H-indol-4-ylamine and bromoacetyl bromide and further reaction with ethanolamine.

7. (Original) A process for the preparation of a compound according to claim 1, comprising the following steps:

- (d) reductive amination of 3-(toluene-4-sulfonyl)-6,9-dihydro-3H, 7H-benzo[e]indol-8-one in the presence of sodium cyanoborohydride and ammonium acetate.

8. (cancelled)

9. (cancelled)

10. (cancelled)

11. (Currently Amended) A pharmaceutical formulation comprising a compound according to ~~any one of claims 1 to 4 as active ingredient~~ claim 1 or claim 2, in combination with a pharmaceutically acceptable diluent or carrier.

12. (cancelled).

13. (cancelled).

14. (Currently Amended) A method for the prophylaxis or treatment of a 5-HT₆ receptor-related disorder, to achieve reduction of body weight and of body weight gain, which comprises administering to a subject in need of such treatment an effective amount of a compound according to claim 1 or claim 2 ~~any one of claims 1 to 4~~.

15. (Original) The method according to claim 14, wherein the disorder is selected from obesity; type II diabetes; disorders of the central nervous system such as anxiety, depression, panic attacks, memory disorders, cognitive disorders, epilepsy, sleep disorders, migraine, anorexia, bulimia, binge eating disorders, obsessive compulsive disorders, psychoses, Alzheimer's disease, Parkinson's disease, Huntington's chorea, schizophrenia, attention deficit hyperactive disorder, withdrawal from drug abuse, neurodegenerative diseases characterized by impaired neuronal growth, and pain.

16. (Currently Amended) A method for modulating 5-HT₆ receptor activity, which comprises administering to a subject in need of such treatment an effective amount of a compound according to claim 1 or claim 2 ~~any one of claims 1 to 4~~.

17. (cancelled)

18. (cancelled)

19. (Currently Amended) A cosmetic composition comprising a compound according to claim 1 or claim 2 ~~any one of claims 1 to 4~~ as active ingredient, in combination with a cosmetically acceptable diluent or carrier.

20. (cancelled)

21. (New) A method for the treatment or prevention of a 5-HT₆ receptor-related disorder, the method comprising administering a composition comprising the compound of claim 1.

22. (New) The method of claim 21 wherein the disorder is selected from the group consisting of: obesity; type II diabetes; disorders of the central nervous system such as anxiety, depression, panic attacks, memory disorders, cognitive disorders, epilepsy, sleep disorders, migraine, anorexia, bulimia, binge eating disorders, obsessive compulsive disorders, psychoses, Alzheimer's disease, Parkinson's disease, Huntington's chorea, schizophrenia, attention deficit hyperactive disorder, withdrawal from drug abuse, neurodegenerative diseases characterized by impaired neuronal growth, and pain.

23. (New) A method for the treatment or prevention of a 5-HT₆ receptor-related disorder, the method comprising administering the pharmaceutical composition of claim 11.

24. (New) The method of claim 23 wherein the disorder is selected from the group consisting of: obesity; type II diabetes; disorders of the central nervous system such as anxiety, depression, panic attacks, memory disorders, cognitive disorders, epilepsy, sleep disorders, migraine, anorexia, bulimia, binge eating disorders, obsessive compulsive disorders, psychoses, Alzheimer's disease, Parkinson's disease, Huntington's chorea, schizophrenia, attention deficit hyperactive disorder, withdrawal from drug abuse, neurodegenerative diseases characterized by impaired neuronal growth, and pain